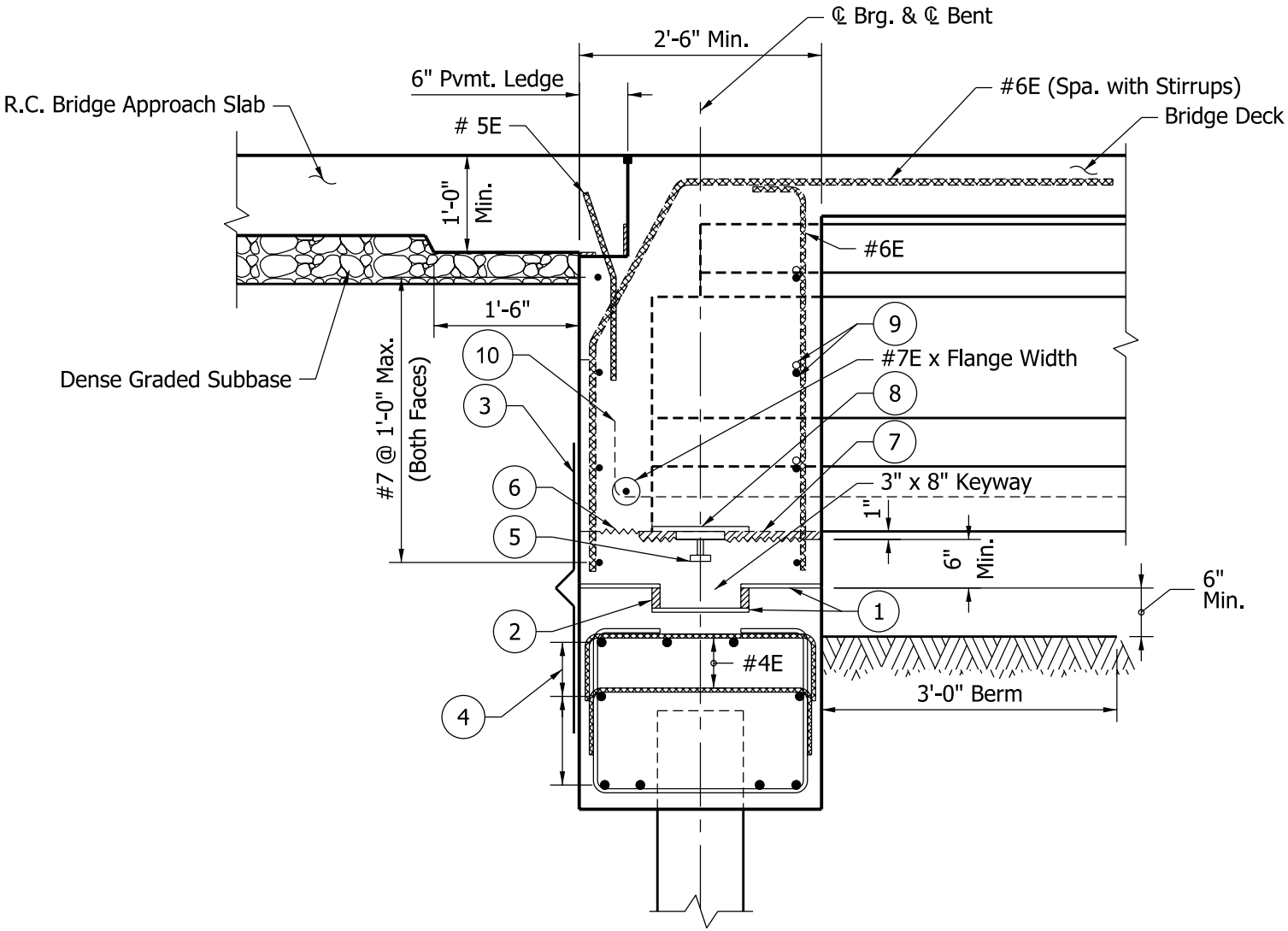
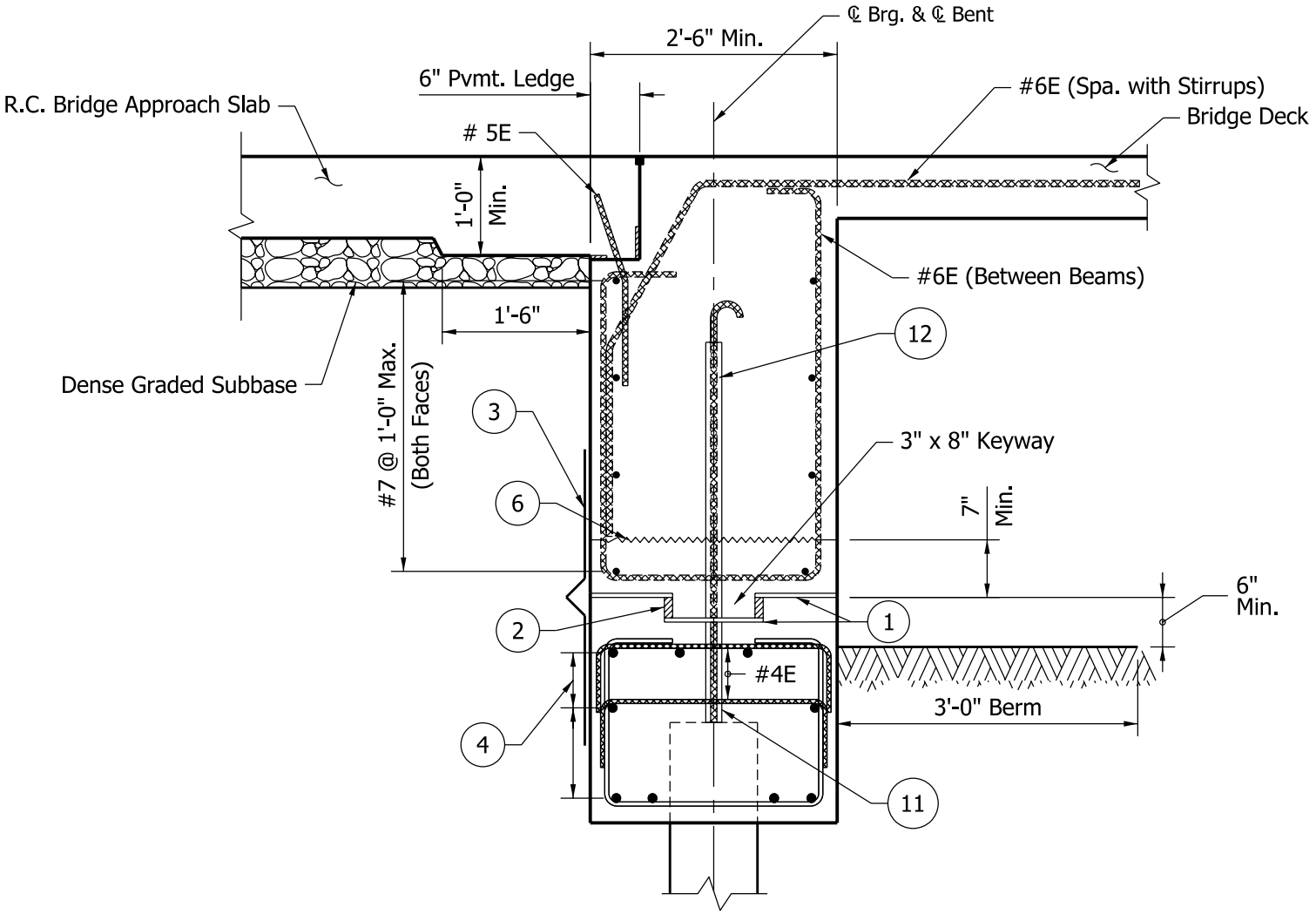


SECTION AT BEAM

SUGGESTED SEMI-INTEGRAL END BENT DETAILS
(Method 1)

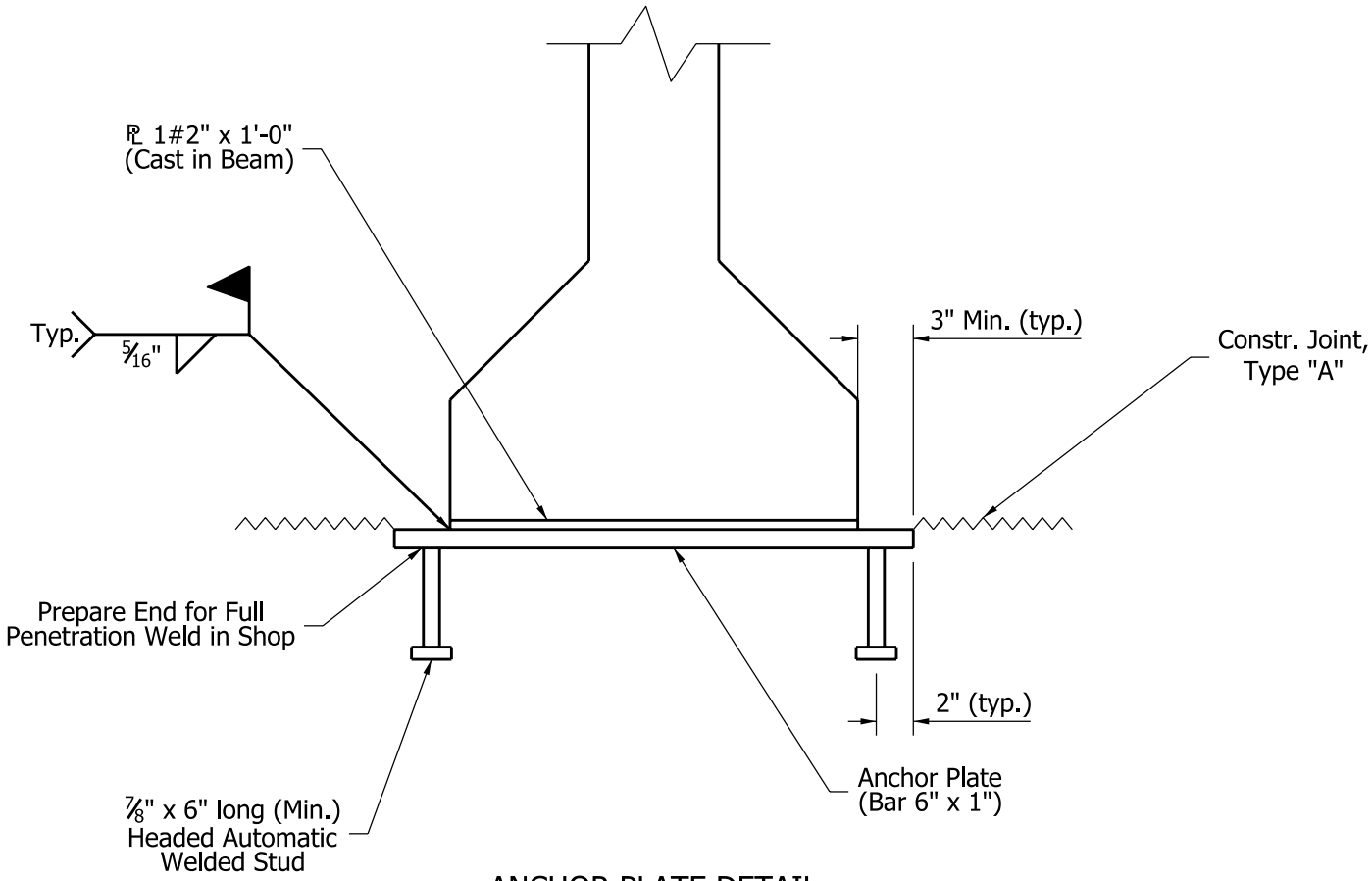
Figure 67-1 C (1)
(Page 1 of 4)



SECTION BETWEEN BEAMS

SUGGESTED SEMI-INTEGRAL END BENT DETAILS
(Method 1)

Figure 67-1 C (1)
(Page 2 of 4)



ANCHOR PLATE DETAIL

SUGGESTED SEMI-INTEGRAL END BENT DETAILS
(Method 1)

Figure 67-1 C (1)
(Page 3 of 4)

(1) 3 Layers of medium weight roofing felt with grease between layers over ⅛" high-density plastic bearing strip with smooth side up.

(2) Expanded polystyrene, Size to be determined by designer.

(3) Polychoroprene joint membrane attached to concrete, See Figure 67-1C (3)

(4) Main cap reinf. Reinforce for dead and live loads. Stirrups size determined by designer, spa. @ 1'-0 min.

(5) Anchor plate, see Detail.

(6) Construction joint type A.

(7) 1" thickness expanded polystyrene, to be extended to ½" outside limits of beam, so that beam does not come in contact with construction-jointed concrete.

(8) Plate ½" x 1'-0", full width of beam, cast in beam.

(9) #6E x 6'-0" through 1" Ø holes cast in beams, lapped with #7E between beams.

(10) Prestressed strand extension.

(11) ✳ #6 reinforcing bar set in 1'-0" depth field-drilled hole filled with epoxy grout, min. pullout 26,500 Lb.

(12) ✳ PVC sleeve, size determined by designer. Top of sleeve to be sealed before concrete is poured.

✳ Used only if uplift is expected, or if bridge is in Seismic Zone 2.

SUGGESTED SEMI-INTEGRAL END BENT DETAILS
(Method 1)

Figure 67-1 C (1)
(Page 4 of 4)